EXPERT SYSTEMS AND SOLUTIONS

Email: expertsyssol@gmail.com

Cell: +91-9952749533, +91-9345276362

website: www.researchprojects.info

Chennai , Tamil Nadu, India

Mobile View

HOME

POWER SYSTEMS

IEEE 2012 ABSTRACTS

PROJECT AREAS

VIDEOS

KITS AND SPARES

PROJECTS LIST

ONE-DAY WORKSHOP

JOB OPENINGS

ELECTRICAL WORKS

ONLINE TUTORING

ELECTRONICS SERVICING

CONTACTS

FAQ

Downloads

Part Time P.E

PROJECT LIST

DSP – PROJECTS

1. 3D Synthetic Environment
2. A High Performance Implementation of MPEG-1 Layer 3 Audio Encoder
3. AC drive
4. Acoustic Echo Cancellation algorithm & Implementation Using DSP
5. Acoustic liquid level gauge
6. Adaptive channel equalization
7. Advanced LCR meter using DSP techniques
8. ALU design using VHDL
9. Audio signal processing
10. Automatic collision avoider
11. Binaural sound localization
12. Biologically plausible pitch perception
13. Biometric finger print system
14. Biometrics smart camera
15. Cellular communication simulator by using MATLAB
16. Channel Implementation
17. Character display
18. Class 5 accuracy data actuation
19. Cochlea Implants
20. Command and control using voice recognition
21. Counter design
22. CPU design
23. Data compression
24. Data transmission through power line
25. Delta modulation
26. Detection of Human Speech in Structured Noise
27. Digital AC Motor Control
28. Digital Scanner
29. Digital signal processing aid for labs
30. Digital signals processing demonstrator
31. Doppler correction
32. DSP based data acquisition system
33. DSP based digital equalizer
34. DSP based ECG monitor
35. DSP based image processing
36. DSP based karaoke system
37. DSP based medical announcement system
38. DSP based modems
39. DSP based multi channel monitoring system

40. DSP based signal analyzer
41. DSP based voice transmission system
42. DSP function generator
43. DTMF code generator & detection
44. Error correction coding using convolution encoding and VITERBI decoding
45. Error correction coding using trellis encoding and VITERBI decoding
46. Estimation of aircraft trajectory from its motion using KALMAN TRACKING FILTER
47. Estimation of energy using sub band coding
48. FFT design
49. FIR & IIR filters design
50. FSK modulation & demodulation
51. Function generator
52. Fuzzy based temperature controller
53. Fuzzy logic based fuel efficiency booster for bikes
54. Fuzzy logic based grain driver moisture controller
55. Fuzzy logic based home caretaker
56. Fuzzy logic based human arm demonstrator
57. Fuzzy logic based instrumentation scheme for industries
58. Fuzzy logic controlled robotic system for industrial applications
59. Generic Digital Jukebox Theater
60. Graphic LCD display using DSP
61. Heart beat & temperature monitor
62. High data rate communication using OFDM
63. High speed ADC conversion based on IEEE paper
64. High speed communication between hospitals
65. High speed monitoring system
66. Host communication
67. Image and sound compression by using wavelets
68. Image compression comparison & image transform coding for JPEG image compression
69. Image compression using position dependent encoding
70. Image enhancement using DCT
71. Image enhancement using filters
72. Implementation of FIR & IIR Filters
73. Induction motor control using PWM technique
74. Industrial monitor with telephone line transmission
75. Internet Audio System
76. Least mean square (LMS) adaptive equalizer for modem communication
77. LPC technique speech coding
78. Measures of Spectral Distortion
79. Memory design
80. Micro controller kit design
81. Micro processor kit design
82. Modified goer-tzel algorithm in DTMF detection
83. Motor speed controller with PID algorithm
84. MP3 Coding
85. Multi band filters
86. Multiplexer design
87. Multi-standard sound system
88. Network security camera
89. Noise cancellation using wavelets
90. Non audible communication at audible frequencies
91. Number plate recognition
92. Orthogonal frequency division modulation
93. Packet transmission and reception using different digital modulation techniques
94. PC based programmable function generator

95. Power spectrum estimation period gram and modified period gram
96. Powerful dual DSP and FPGA implementation for WLAN data transfer
97. Precedence Effect
98. Process monitoring & control
99. Programmable CODEC
100. PSK modulation & demodulation
101. Psycho acoustical approach for measurement of loudness
102. Pulse code modulation
103. QPSK modulation & demodulation
104. Quadrature amplitude modulation
105. Radar simulator by using MATLAB
106. Radio Telemetry
107. Real time implementation of STFT
108. Sampling rate converters
109. Secured communication
110. Set top box
111. Seven segment display driver
112. Signal generator
113. Silicon models of the cochlea
114. Simulation of room acoustics
115. Simulation of various stages of DCT based VIDEO CODEC in MATLAB
116. Sonar simulator by using MATLAB
117. Speech compression & decompression using adaptive differential PCM
118. Speech compression and decompression using LPC coding
119. Speech encryption and decryption
120. Speech Enhancement
121. Spread spectrum communication
122. Stenography
123. Switched mode power supply
124. Target detection recognition system
125. Timer design
126. Two dimension FFT design
127. Ultrasonic based thickness measurement
128. Underwater beam forming algorithms and DSP implementation
129. Universal Filter
130. Vibration analyzer
131. Video Processing System
132. Voice processor
133. Voice recognition
134. Voice storing and reproducing
135. Voice synthesizer
136. Wavelet audio signal analysis and coding

EMBEDDED PROJECTS

1. 6_chanal water level controller
2. 3phase monitor
3. 4 digital object counters
4. 4*2 printer sharer
5. 8 - Channel water level controller
6. 8 digit pulse counter
7. 8channel IR remote control
8. A GPS map digitization program
9. Ac and dc motor control system
10. Accident alertness in vehicles

11. Accident identification system
12. Accident identification with auto dialer
13. Adaptive differential pulse code modulation (APCM)
14. Adaptive lighting system for automobiles
15. Addressable remote transmitter through communication
16. Advance encryption standard using microcontroller
17. Advancer FM power line intercom
18. Advertising display using LED & LCD
19. Agricultural plant watering systems
20. Air and fuel ratio control system for furnace
21. Air leakage detection based on pressure sensor
22. Air pollution monitor
23. Air velocity monitor
24. Air velocity monitor
25. Air/fuel ratio control system for furnace
26. Altimeter & barometer
27. An I2C network protocol for environmental monitoring
28. Analysis of slip power recovery scheme
29. Anesthesia control system for medical application
30. Antenna circuit design for RF ID applications
31. Apartment multi channel fuse blown indicator & annunciation
32. Apartment security system
33. Artificial intelligent embedded line tracking follower robot
34. ATM cards
35. Attendance recorder
36. Auto path finder robotic car
37. Auto stop motion & annunciate for knitting mills.
38. Automated pump tester
39. Automatic traffic light system
40. Automatic bottle filling system
41. Automatic bus fair system
42. Automatic car parking controller using RF
43. Automatic coil winding machine & controller
44. Automatic digital time switch
45. Automatic dim dipper programmable on/off timer control
46. Automatic dim dipper system
47. Automatic door opening system
48. Automatic drainage system for industrial pipe lines
49. Automatic drilling system.
50. Automatic dyeing machine
51. Automatic electric billing system
52. Automatic fence controller
53. Automatic frequency counter
54. Automatic guided vehicle
55. Automatic humidity control for refrigerator
56. Automatic industrial operator
57. Automatic industrials drilling machine
58. Automatic irrigation system with wireless transmission
59. Automatic jogging, breaking, plugging for motors
60. Automatic lamination machine
61. Automatic load controller
62. Automatic packing machine
63. Automatic panel system
64. Automatic panels for 3 phase motors
65. Automatic pattern cutting m/c in garments

66. Automatic phase changer
67. Automatic phase changer with line voltage measurement
68. Automatic phase selector
69. Automatic pumping system for vehicles
70. Automatic railway gate control system
71. Automatic room control system
72. Automatic shutter control system with intelligent security system
73. Automatic solar tracking system
74. Automatic stator voltage control
75. Automatic street light on-off controller
76. Automatic ticketing machine
77. Automatic traffic light controller
78. Automatic washbasin
79. Automatic weighing bridge
80. Automatic wheel alignment robot
81. Automation system using smartcard by implementing industry i2c bus
82. Automobile performance analyzer
83. Automobile tracking system
84. AVR for alternators
85. Bank card design
86. Bank locker security system with SMS mobile alert
87. Battery monitoring system
88. Blood dripping system
89. Body temperature scanning system
90. Boiler controller
91. Building automation system.
92. Calendar day date time month year
93. Calibration of proximity sensor
94. Caller-id
95. Can boot-loader for can microcontrollers
96. Can interface printing system
97. Cano meter
98. Capacitance meter
99. Car security system
100. Cell phone based motor speed controller
101. Centralized wireless monitoring in textile industries
102. Change maker
103. Chronometer
104. Closed loop control for servo stabilizer
105. Closed loop motor speed controller using cellular phone
106. Closed loop telephone operated motor control
107. Cloth cutting machine
108. Code lock for electrical devices
109. Coffee maker
110. Coil - winding machine
111. College process automation with security system using PIC & finger print sensor
112. Color detection using image processing
113. Color dyeing machine automation
114. Complete boiler guard
115. Computer controlled vehicle
116. Computerized hall ticket implementation smartcard via serial library
117. Controlling analog parameters
118. Conveyer controller
119. Conveyer sequential timer controller.
120. Crack detection system

121. Credit card reader
122. Current loop modem communication from MC to MC
123. Current loop modem communication from MC to PC
124. Current mode communication between controllers
125. Current monitor and control
126. Data logger based on RS-232 serial communications
127. Data logger with graphics display
128. DC motor control using H-bridge
129. DC motor speed controlled using remote
130. DCI bus RS-484 home network with maximum of 64 terminals
131. Decoding infrared remote control
132. Depth measurement based on LVDT
133. Desktop security system
134. Detection of illegal of wireless transmission
135. Diagnosis of failed distribution transformer
136. Digital anemometer
137. Clock based on real time clock (RTC) IC
138. Code locking system
139. Countdown timer
140. Data sensor error accusation system
141. Data sensor error accusation system and RF-434MHz wireless data logging
142. Frequency meter
143. Digital IC tester
144. Digital odometer
145. Digital panel system
146. Digital storage tachometer
147. Taxi meter
148. Thermometer
149. Visitor counter
150. Weight analyzer for Weight Bridge
151. Wind anemometer
152. Direct torque measurement
153. Dish antenna positioning system-using telephone
154. Dish antenna rotating
155. Dish positioned with frequency tracking
156. Dish positioning using wiper motor
157. Distributed control system
158. Distributed input for microcontroller
159. Distributed output system.
160. Door security system
161. Drainage control system for process plant
162. Drill speed controller
163. DTMF generation using microcontroller
164. DTMF implementation of GSM mobile phone to control electrical appliances
165. DTMF implementation of mobile phone to control security appliance
166. DTMF tone generator
167. EB SIM card
168. ECG data acquisition through IR
169. Electrical power generation using foot step
170. Electricity theft identification
171. Electronic circuit breaker
172. Electronic conductor
173. Electronic gardener
174. Electronic voting machine
175. Embedded car dash board.

176. Embedded intelligent security system
177. Embedded lift controller
178. Embedded microcontroller based boiler temperature controller
179. Employee identification & security system & finger print sensor
180. Energy billing through main line.
181. Energy meter (digital)
182. Energy meter with prepaid card
183. Energy saver by using pressure controller
184. EPABX system
185. EPROM programmer
186. Fan speed controller based on temperature
187. Father touch variable power supply
188. Fax guard & multi event controller.
189. Finger print recognition
190. Fir programmable timer for dying factory
191. Fire alarm system (6 channels)
192. Fire monitor using microcontroller
193. Flow control system
194. Frequency monitor & controller with single phase preventer
195. Frequency monitor and control
196. Fuel gas detection robot in remote
197. Function generator with annunciate
198. Fuzzy logic based flow control
199. Fuzzy logic based heat exchanger with simulation result
200. Generator auto off system with oil change indicator
201. Glass cutting machine
202. GPS based automobile performance analyzer
203. GPS based train/bus/aircraft collision avoidance
204. GPS based vehicle-tracking system
205. GPS based velocity and speed monitor
206. GPS positioning system using 5 transmitters home automation system
207. GPS-based failure identification system for intelligent vehicles
208. GPS-based real-time identification of tire-road friction
209. Hack saw controller
210. Hardware lock
211. Heart beat monitor
212. High intelligent voting machine
213. High precision digital timer
214. High speed digital interruption counter
215. Home alarm system
216. Home appliance control through telephone
217. Home automation system
218. IR car detector for changing lanes
219. HV & LV drip through motor controller
220. I2c based high security data transmission
221. I2c based running message system
222. I2c based security code locks
223. I2c based sequential logic system
224. I2c based temperature recording system
225. I2c based weather station recorder
226. I2c based wind speed recorder
227. I2c EPROM programmers
228. I2c master-slave protocol implementation
229. IC tester
230. IC-engine monitoring system

231. Implementation of I2c bus
232. Implementation of controller area network (CAN) using CAN controller
233. Implementation of I2c communication
234. Implementation of rs-232 protocol to communicate mc & pc
235. Implementing boot loader firmware for ROM fewer microcontrollers
236. Implementing debit cards
237. Implementing fir -IIR filter using microcontroller
238. Incubator maintenance system
239. Incubator monitor & controller system,
240. Induction motor speed monitoring & control using PWM technique
241. Industrial boiler / furnace controller
242. Industrial controller
243. Industrial environmental monitoring system
244. Industrial fire alarm & message announcing system
245. Industrial high temperature monitor & furnaces controller.
246. Industrial programmable timer
247. Industrial safety monitor system
248. Infrared USART for microcontroller
249. Input water sensing and overhead tank filling system
250. Intelligent automotive ignition system
251. Intelligent conveyor flow monitor and controller
252. Intelligent conveyor flow monitor and controller with robotic arms
253. Intelligent dish antenna positioning system
254. Intelligent electronic voting machine
255. Intelligent fire monitors and extinguish robot
256. Intelligent traffic light controller
257. Interfacing thermal sensor in microcontroller
258. Interrupt counter cum burglar alarm
259. IR adaptor for i2c bus
260. IR data analyzer
261. IR light dimmer
262. Irregular surface area measuring instrument
263. Irrigation control system
264. Irrigation control system with power line communication system
265. Lab automation with real time clock interface
266. Laser security system with wireless transmission.
267. Level sensor with 4-20mA O/P
268. Lift control system
269. Lift control system with position indication
270. Light brightness control depends upon sunlight intensity
271. Liquid level monitor
272. Load management using parallel operation of transformers
273. Locker security system
274. Long distance communication for i2c EPROM devices
275. Long distanced communication using IR
276. MUX meter
277. Machine control & fault recognition through telephone
278. Mark announcement system using telephone
279. Maximum demand control
280. Message transfer system through telephone
281. Meter making system with pc interface
282. Micro controller trainer kit
283. Micro file
284. Micro machined accelerometer
285. Microchip development kit

286. Microchip TCP/IP stack
287. Microcomputer based programmable individual
288. -Phase current limiter for 3-phase electrical system
289. Microcontroller based digital automobile dashboard
290. Microcontroller based wireless data acquisition system
291. -using USART and RS-232 protocols
292. Microcontroller communication through USART
293. Microcontroller controlled demand power meter
294. Microprocessor trainer system
295. Mileage meter
296. Mind switch
297. Mini data logger
298. Mini exchange with main intercom
299. Mini robot car
300. Mobile alarm system based on GSM & GPS
301. Mobile assets tracking device
302. Modern digital clock
303. Modern lift systems
304. Modular IR remote control for industrial automation
305. Monitoring system for UPS.
306. Motion recorder & play back
307. Motor direction sensing, speed measurement system
308. Motor monitoring system
309. Motor monitoring system (V, I, F, TEMP, PF)
310. Motor over heat presenter
311. Motor position control for air flow flaps
312. Motor speed control through power line
313. Motor speed control using IR sensor
314. Motor speed monitor & controller interface
315. Motor speed reverse, jogging, breaking and plugging system
316. Moving message 16 character display
317. Moving message display
318. Multi channel call bell
319. Multi channel electrical appliances control system
320. Multi channel fire alarm
321. Multi channel programmable timer
322. Multi frequency (32 MHz-1 Hz) generator
323. Multi function frequency counter
324. Multi voltage power supply
325. Multi-channel temperature monitor & controller
326. Multipurpose digital counter
327. Multivariable controller
328. Multivariable parameter interfacing with can bus
329. Multi-zone temperature monitoring
330. Networking based on IR
331. Noise & vibration system
332. Non-GPS outdoor tracking systems
333. Object counter
334. Object detection using ultrasonic waves
335. Office automation system
336. Oil-tank level indicator
337. On- line measurement of spinning frame
338. On line vehicle tracking using GPS & GSM
339. On line weighing balance
340. On-load tap-change for power transformer

341. Optical pyrometer
342. Organization security system
343. Over speed preventer for vehicles
344. Paint spraying robot
345. Paper counting system
346. Patient treatment monitoring system
347. Stepper motor controller
348. RF-434 MHz wireless robot
349. Printer communication through power line
350. PC to mobile m2bus communication
351. PC to PC communication through LASER/IR
352. Person roaming detector
353. Personal ecology widget
354. Personal safety and tracking through GPS
355. Petrol cards
356. PH measurement and control system
357. Pigment adding system using image processing
358. Plate cutting machine
359. Plc based motor protection system
360. Portable recording system for monitoring vehicle speeds
361. Position control system
362. Power booster for IC engine
363. Power factor monitor & control
364. Power monitoring system for motors
365. Power room monitor with data logger
366. Precise yarn thickness measurement
367. Precision temperature sensing using RTD
368. Prepaid cable card system
369. Prepaid card for call taxi
370. Prepaid card for telephone
371. Pressure controller & monitor
372. Pressure measurement and monitoring systems
373. Pressure transmitter
374. Priority for emergency vehicles in traffic signals
375. Private pager networks
376. Production counter
377. Production event monitor & controller
378. Programmable automatic street light controller
379. Programmable college timer
380. Programmable digital clock
381. Programmable hopper controller
382. Programmable logic controller (PLC)
383. Programmable multi channel water level controller
384. Programmable number lock
385. Programmable on-off timer for industries
386. Programmable outgoing barring system for telephones
387. Programmable quiz master
388. Programmable sine wave generator
389. Programmable single phase motor over load prevent or
390. Programmable wire feeder for welding robots
391. Protocol converter
392. Pulse rate monitoring system
393. Quality control system
394. Radiometric sensor using microcontroller
395. Railway helpline display

396. Range detection system using ultrasonic range detection module & pic
397. Refrigeration using remote modem interface
398. Remote cable disconnection system
399. Remote control for home appliance
400. Remote control using GSM
401. Remote control using modem
402. Remote control using radio
403. Remote controller motor operation
404. Remote data logging using current loop modems
405. Remote dish positioning system
406. Remote motor starter (star-delta)
407. Remote motor, plugging, forwarding jogging
408. Remote mouse controlled automation
409. Remote rpm data logger
410. Remote security system
411. Respiration monitor
412. RF signal generator
413. RF wireless multi channel electrical appliances control system
414. Rf-434MHz data linking between wireless keyboard
415. -microcomputer messaging system
416. Rf-434MHz data linking between wireless microcomputer messaging system
417. Robot operated through voice
418. Room temperature monitor & A/C controller
419. RS 485 extender
420. Satellite tracking system
421. Scholl broad coasting systems
422. Scrolling message display
423. Secured data acquisition system
424. Security code locking system
425. Security door man
426. Security recording station cards
427. Security system for remote access using telephone line
428. Security system using smartcard
429. Security system with auto dialer & remote monitor
430. Sensor less control for brush less dc motor
431. Sequential control system for conveyer system
432. Servo motor speed control using IR remote
433. Servo motor speed controller with feedback
434. Shutter control system with intelligent security
435. Signal plotter based on graphic led
436. Sine wave generator
437. Single phase preventer with low voltage cutoff
438. Single supply temperature monitoring using thermocouple
439. Single supply temperature monitoring using thyristor
440. Smart card
441. Smart card based applications
442. Smart card security systems using i2c devices
443. Smart cards with i2c EPROM
444. Smart networking
445. Smoke detector
446. SMS alerting system using mobile phone for bank security system
447. SMS based on-off control
448. SMS controlled home appliance
449. SMS controlled load.
450. SMS through landline

451. Soft starter with overload tripping
452. Soil moisture controller
453. Solar panel tracking system
454. Solar tracking and data logger
455. Solar tracking system.
456. Sound level meter
457. Space spectrum modulation
458. Speech security
459. Speed control for dc shunt motor
460. Speed control of motor through SMS
461. Speed control system for three-phase induction motor
462. Static war compensation
463. Stepper motor controlled by remote control
464. Stepper motor controller
465. Stepper motor speed controller through telephone line
466. Streetlight on/off controller
467. Student mark announcement through telephone line
468. Students result announcement system through telephone line
469. Sugar bag counter
470. Surface level monitor instrument
471. Synchronization of EB power supply & generator
472. Tachometer
473. Tele monitoring patient through internet
474. Telephone account recorder
475. Telephone answering machine
476. Telephone call meter
477. Telephone call meter with call over alarm
478. Telephone controlled electrical appliances
479. Telephone interface security system
480. Telephone line monitor
481. Telephone operated machine
482. Telephone operated motor control
483. Telephone operated remote robot
484. Telephone operated temperature control system with remote control
485. Telephone switching
486. Temperature & speed control system
487. Temperature control with mains transmission
488. Temperature controller using PIC
489. Temperature data logger
490. Temperature monitor and control
491. Temperature monitoring and recording device
492. Temperature monitoring using watch dog timer
493. Tension control system
494. Theft alarm
495. Thermometer monitoring & announciator
496. Three phase induction motor protection relay
497. Three phase motor control using remote/tele control
498. Thumb recognition system
499. Tilt measurement using microcontroller
500. Token display for bank with speech
501. Token number system display
502. Traffic controls system
503. Traffic light priority control for emergency vehicles
504. Traffic priority for ambulance
505. Transformer protection system

506. Transistor lead identifier cum tester
507. Transmission sensor for remote car starter
508. True rms voltage & current measurement with lcd interface
509. Tsr based multi channel motor speed monitor
510. Tyre pressure monitoring system
511. Ultrasonic alarm for visually impaired
512. Ultrasonic distance meter
513. Ultrasonic level monitor
514. Ultrasonic vibration detector
515. Universal flash micro controller programmer
516. Universal function generator
517. Universal timer
518. UPS monitoring system
519. UPS monitoring system
520. UPS security key
521. V/F control for motor
522. Vacuum cleaner
523. Vector control of ac induction motor
524. Vehicle location system
525. Vehicle speed storage system
526. Vehicle speed, temperature, total distance traveling & fair monitoring system
527. Vehicle tracking system
528. Vehicles speed indicator
529. Vibration sensing system
530. Video signal transmitter
531. Voice changer
532. Voice coding and decoding
533. Voice dialer for phone
534. Voice operated home appliance control system
535. Voice operated motor controller
536. Voice operated motor controller & speed monitor
537. Voice operated robot
538. Voice operated temperature controller
539. Voice recording system
540. Voltage - current, speed monitor through power line
541. Voltage monitor and control
542. Wall thickness measuring system for pipes & plates
543. Water level controller
544. Weather monitoring
545. Weather reporter
546. Weighing balance
547. Weighing balance system
548. Weighing machine &controller
549. Weight& height measurement with printer facility
550. White cane with ultrasonic sensor for distance measurement
551. White card reader detector
552. Wind mill control system
553. Wireless communication from pc to µc
554. Wireless communication from pc to pc
555. Wire position sensor encoder and distance measurement
556. Wireless dish antenna tracking system
557. Wireless door control system
558. Wireless energy transmitter
559. Wireless home automation using PIC
560. Wireless home security system

561. Wireless keypad
562. Wireless lift controller
563. Wireless modem
564. Wireless motor speed controller-using fm
565. Wireless printer by using laser beams
566. Wireless security system with two transmitters
567. Wireless smart card
568. Wireless voting machine
569. Wireless water level controller
570. Yarn lee strength measurement
571. Yarn thickness measurement system

INDUSTRIAL APPLICATION PROJECTS

1. "Active cage" to study the behavior of animal under test
2. "Computer controlled temperature & light recorder
3. "Radio caller" tracer for tracing animal
4. 100-Watts Frequency Controlled Inverter
5. 12 bit ADC interface system for PCS
6. 180-Watts DC To AC Converter
7. 32 channels PC controlled light dimmer
8. 3-Phase Automatic C/O for Domestic App
9. 3-Phase Motor Starter
10. 4 - Channel logic analyzer
11. 50 MHz logic analyzer for digital systems
12. AC Motor Test Bench
13. Active air purifier cum conditioner for asthma patients
14. Add-on system for TV with internet-mail capabilities
15. Advanced bench-top power supply
16. Advanced bio - telemetry model
17. Advanced coded card security system
18. Advanced digital trainer
19. Advanced home monitoring system
20. Advanced industrial function controller using telemetry
21. Advanced IR based traffic controller
22. Advanced mind reader
23. Advanced phase controller
24. Advanced security system
25. Advanced solar tracking system
26. Advanced system for product quality control in industries
27. Advanced temperature indicator cum controller
28. Advanced traffic controller cum density analyzer
29. Auto attendance register with time keeping
30. Auto temperature & Controlled digital fan regulator
31. Auto water feeder
32. Automatic air humidifier
33. Automatic blower fan control for cars
34. Automatic Door opening and closing mechanism
35. Automatic electronic Filling Mechanism
36. Automatic electronic plant watering system
37. Automatic guided vehicle model
38. Automatic home security system
39. Automatic Pneumatic power Haw-Shaw machine
40. Automatic Pneumatic sheet cutting machine
41. Automatic Pressing system

42. Automatic railway gate controlling system
43. Automatic rain operated wiper
44. Automatic Remote Diesel Gen set starter
45. Automatic signaling system for trains
46. Automatic telephone exchange
47. Automatic time table announcer for bus-stands
48. Automatic vacuums cleaner (mini)
49. Automatic vehicle number plate recorder for traffic analyzer
50. Bank token number display system
51. Bi-directional RS232-to-centronics converter PC based PIC programmer
52. Capacitive proximity switch
53. Capturing analogue signal on pc
54. Car battery charger
55. Carrier current remote control
56. Central heating system
57. Centralized electrical billing system
58. Changing temperature monitor
59. Chip - card reader / programmer
60. Circuit simulation using pc
61. Coded card security system
62. Compact audio paging system
63. Computer aided wireless security system
64. Computer based code lock security system
65. Computer based ultrasonic distance meter
66. Computer based video digitizer
67. Computer controlled robotic vehicle
68. Computer controlled temperature & light recorder
69. Computer emulator
70. Computer eye
71. Computer guided "star finder"
72. Computer interfaced temperature controller
73. Computer 'mouse' model
74. Computer P.S.U. Monitor
75. Computer wireless LAN
76. Computerized auto - translator
77. Computerized automatic drug vending machine
78. Computerized blood sample analyzer
79. Computerized chromo (color) analyzer for quality control in industries
80. Computerized data logger for weather stations
81. Computerized fingerprint recognition system
82. Computerized lie detector
83. Computerized material testing aid for metals
84. Computerized object counter cum decoder
85. Computerized object counter, recorder & analyzer for products
86. Computerized quality control system for diary
87. Computerized quality control system for dry fruit processing unit
88. Computerized quality control system for food industries
89. Computerized quality control system for motors
90. Computerized railway traffic controller to prevent accidents
91. Computerized satellite tracking system
92. Computerized security system
93. Computerized system for automatic information server for transport corporations
94. Computerized system for quality management
95. Computerized tele-informer for banks
96. Computerized temperature monitor

97. Computerized training aid for mentally retarded
98. Computerized visitor counter cum token number display
99. Computerized voice operated form feeder
100. Computerized water analyzer & purifier
101. Computerized weather station
102. Copying with AV recorders
103. Cordless remote keyboard
104. Cordless remote mouse for computers
105. Cordless security system
106. Customized TV game system
107. Data acquisition system for OC
108. Data logger for DMM
109. DC Motor Test Bench
110. Digital audio / visual system
111. Digital bank token display
112. Digital code lock
113. Digital coil / transformer winding machine
114. Digital coil winding machine
115. Digital compass
116. Digital I/O card for PC's
117. Digital microscope
118. Digital microscopic image projector
119. Digital on / off controller
120. Digital score board
121. Digital speed controlled for motors.
122. Digital switching system for industries
123. Digital talking clock module
124. Digital temperature recorder
125. Digital thermometer with RS-232 interface
126. Digital weighing machine
127. Digital world time reader
128. Digitally controlled telephone answering machine
129. Digitally variable push button power supply
130. Dish antenna motorized tracking system
131. Door bell or telephone operated flash light
132. DTMF remote monitoring system
133. E.C.G machine
134. E-commerce package for internet user
135. Electrical power generator using foot steps
136. Electro-chemical pest control system for farmers
137. Electromagnetic compatibility tester
138. Electronic accelerometer
139. Electronic air pollution detector
140. Electronic car dashboard
141. Electronic car monitoring system
142. Electronic card lock system
143. Electronic code lock
144. Electronic gas meter
145. Electronic heard to soft water converter
146. Electronic identity card security system
147. Electronic induction cocker / heater
148. Electronic lie detector
149. Electronic office call bell system
150. Electronic pantograph
151. Electronic plant physiology

152. Electronic sand-glass
153. Electronic telephone demonstrator
154. Electronic voting machine
155. Electronic water pollution monitor
156. Emi source tracer
157. Fabrication of two wheeler head light dim-bright control system
158. Fence wire burglar alarm
159. Fluid level monitor
160. Four-fold DAC card for PC's
161. Fully Protected Power Supply
162. Function generator with LCD display
163. Fuzzy logic based temperature Controller
164. Gas leakage detector
165. Gas sensing fire alarm system
166. General purpose infra-red buffer
167. General purpose infra-red volume control
168. General purpose sensor monitor
169. Home automation modem
170. Home security system with timer action
171. Hopper Filling system
172. Image classification for satellite images
173. Infrared controlled noiseless volume control
174. Infra-red controlled switch
175. Infrared controller dimmer governor for induction motors
176. Infra-red light gate
177. Infra-red RS-232 link
178. Intelligent Braking system
179. Intelligent remote telephone call transfer system
180. Interactive voice assisted tele-product finder
181. Interactive web designing package
182. Internet based remote device operation
183. Internet linked zone control/monitoring system
184. Ionization chamber smoke detector
185. Ionization type smoke alarm
186. Joystick - to - mouse adapter
187. Light and fan interface with pc
188. Light effects generator
189. Logic analyzer
190. Logic probe for buffer IC's
191. Mains frequency & phase detector
192. Mains remote control of fans
193. Mains signaling system
194. Mains-power on delay
195. Manuel EPROM programmer cum verifier
196. Matrix key pad encoder
197. MCB Test bench
198. Micro PLC system
199. Microcontroller development / test tool
200. Microwave field strength meter
201. Microwave grain moisture meter
202. Mini auto DAC
203. Mini digital oscilloscope
204. Mobile over speed Indication controlling system
205. Modern care service module
206. Morse decoders

207. Moving message display using EPROM
208. Multi- channel data acquisition system
209. Multi-bit data encrypt./decrypt. S/w for internet
210. Multi-channel home monitoring system
211. Multi-channel industrial activity monitoring system
212. Multi-channel logic analyzer
213. Multi-channel monitoring system
214. Multi-channel water level monitor cum controller
215. Multifunction home monitoring system
216. Multifunction industrial activity monitoring system
217. Multi-point fuel injection system for motor vehicles
218. Optical fiber digital step controller
219. Optical pyrometer
220. Opto - to - coaxial audio converter
221. Paging system for blinds
222. Parallel to serial converter
223. Parking sonar for four wheelers
224. Pc based access control system
225. Pc based am/fm receiver IC analyzer
226. Pc based digital microscope computerized zone control system
227. Pc based fingerprint analyzer cum verifier
228. Pc based function generator
229. Pc based liquid level analyzer
230. PC based metal sample analyzer
231. PC based metal sample detector
232. PC based microscopic image projector
233. PC based moving message display
234. PC based plotter driver
235. PC based programmable IR remote control
236. PC based seven segments rolling display
237. PC based stepper motor controller
238. PC based system for automatic bill payments
239. PC based teaching aid for mentally retarded
240. PC based telephone linked product directory
241. PC based token number displayer
242. PC based video copy processor
243. PC based visitor counter
244. PC based voice recognition system
245. PC based water sample analyzer
246. PIC - controlled home alarm system
247. PID temperature controller for furnaces.
248. Plant humidity monitor
249. Points control for model railways
250. Point-to-point PC comm. Using laser
251. Poly Propylene Sheet Mfg control System
252. Portable data logger
253. Precise Digital Ac Power Controller
254. Precision clock for PC’s
255. Precision power supply
256. Precision temperature controller for industries
257. Product / material / fault finding system for industries
258. Programmable digital controller for street lights
259. Programmable digital time switch
260. Programmable fuel injection system systems for motor vehicles
261. Programmable switching system

262. Pulse generator for AV recorders
263. R/C interface for PC flight simulator
264. Radar controlled door opener for
265. Radio controlled motor speed controller
266. Relative humidity sensor
267. Remote car security system
268. Remote control by telephone
269. Remote controlled servo system
270. Remote controlled switch board
271. Remote controlling of devices using cell phones
272. Remote digital step controller
273. Remote industrial security system
274. Remote monitoring of physical parameters using telemetry
275. Remote operation of devices using GSM system
276. Remote temperature sensing
277. RF id system for animals
278. RF id system for trains
279. RF id system for workers
280. Robot for automatic process control
281. Room call service reminder
282. Route tracer cum cable fault finder
283. RS- 232 interface for A/D converter ici7106
284. Semi Automatic Remote Controlled Diesel Engine
285. Serial 12-bit a/d converter
286. Short range communication system for PC's
287. Signal controlled switch
288. Simple A/D converter
289. Simple I/O card
290. Simple relay and sensor interface for pc
291. Simplified photocopier using computers
292. Smart card operated code lock
293. Smart card reader/writer
294. Soil analyzer for farmers
295. Solar agro sprayer
296. Solar home lighting system
297. Solar Tracking system
298. Solar-traffic control system
299. Solid - state digital power controller
300. Solid State Power Controller
301. Spike detector
302. Stamp basic computer
303. Stamp security system
304. Stepper motor control
305. Stereo mixer for recording studio
306. Strategic fire alarm
307. Surround sound audio system
308. Tele - text decoder for PC's
309. Tele-data logger for industries
310. Telemetry demodulator
311. Telephone controlled remote switch
312. Telephone- operated night light
313. Tele-remote result announcement system for universities
314. Temperature controlled fan
315. Temperature recorder using pc
316. Touch controlled programmable power supply

317. Transformer Monitoring System
318. TV add - on card for monitors
319. TV receiver cum monitor
320. Two - way PC - fax interface
321. Ultrasonic jewelry cleaner
322. Universal control for stepper motors
323. Universal power - on delay
324. Universal time switch
325. Universal warning device
326. Voice command for device control using pc
327. Voice operated recording
328. Voltage transducer for pc
329. V-to-f converter
330. Water heater controller
331. Web based electronic yellow pages
332. Wide-band radiation monitor
333. Windmill power Generator system
334. Wireless home security system

Lab VIEW Projects

1. Air cycle machine test
2. Air flow & temperature control
3. Automatic air dryer control system
4. Automatic barometer
5. Automatic pressure controller
6. Automatic pressure monitoring system
7. Automatic temperature controller
8. Batch process control
9. Cost effective thread winding in spinning mills through VI
10. Curing chamber control
11. Dairy process automation and control through VI
12. DC stepper motor control
13. Design and performance monitoring of fiber optic flow meter for transparent analysis
14. Design of spectroscopic units using LabVIEW
15. Digital waveform editor using LabVIEW
16. Effective utilization of waste heat from air conditioners
17. FTP server
18. Gas leakage monitoring system using VI
19. High performance 8 axis stepper / servo position controller
20. Image co-ordinate extraction and pixel recovery through LabVIEW
21. In vehicle parameter monitoring using LabVIEW
22. Index of refraction of air
23. Instrumentation landing system using GPS
24. Interfacing cascade ICCD camera & PVCAm
25. Internet based multivariable control system using LabVIEW
26. Lab view drivers for selected RUL bus cards
27. LCR grapher
28. Line harmonic reduction & Power factor improvement through LabVIEW
29. Low cost virtual PLC
30. Measurement pH & control in a chemical treatment plant
31. Mountain rescue & alarm locator system
32. Paper coating process automation for thickness control using VI
33. PC-rule bus interface

34. Phase noise measurement system
35. Photo gate timer
36. Process automation through LAN using virtual instrumentation
37. R-cats: ratio controlled telemetry system
38. Spectral measurements and filter's design for DSP applications
39. Spectrum analyzer
40. Surface monitoring system
41. Temperature control system for process industries
42. Thermocouple thermometer & Newton's law of heating
43. Thickness measurement in steel industries using LabVIEW
44. Timer design for valve petitioners using LabVIEW
45. VI based boiler monitoring system
46. VI based diesel plant automation
47. VI based self calibration technique for capacitive angular position sensors
48. VI controller for resistance spot welding machine
49. Vibration analysis and energy loss calculation for heavy machineries
50. Video conference tester
51. Virtual data logger and performance analysis for process industries
52. Virtual instrumentation based ECG monitoring
53. Virtual instrumentation based flight deck control
54. Virtual instrumentation based furnace temperature control system
55. Virtual instrumentation based machine monitoring system.
56. Virtual instrumentation based Water treatment plant automation
57. Virtual instrumentation based Weather Monitoring system
58. Virtual weigh bridge with report generation
59. Vision control application – fruit sorting and grading
60. Water level controller cum motor controller
61. Web enabled soil analyzer through virtual instrumentation

MECHANICAL – PROJECTS

1. Accident avoid system for heavy cutting m/c mechanism
2. Accident prevention system for railways using GPS
3. Aero plane controlling system (glider model) agitator
4. Agriculture motor pump running using solar power
5. Ai based automatic traffic light system
6. Air leak detector
7. Antenna / dish tracking system for automobiles (model)
8. Auto braking system
9. Auto clutch for automobile
10. Auto gear changer
11. Auto gearing system
12. Auto lisp application development
13. Auto shape finder
14. Auto signaling for train in level crossing
15. Automated dimensioning machine
16. Automated material transferring system
17. Automatic ac on/off system for cars
18. Automatic acrylic sheet bending machine (heater control)
19. Automatic air pressure checking and filling mechanism for scooter of car
20. Automatic bar feeding mechanism
21. Automatic blanking machine
22. Automatic change over for generator to mains supply
23. Automatic coil winding machine
24. Automatic cone releaser

25. Automatic crane system
26. Automatic cylinder boring m/c
27. Automatic dam shutter control system
28. Automatic drill bits / drill check changing for various drill holes
29. Automatic drilling m/c
30. Automatic drilling machine
31. Automatic electronic plant watering system
32. Automatic filing system
33. Automatic gate opening
34. Automatic gear changer
35. Automatic hammer striker
36. Automatic high way horn changeover
37. Automatic injection molding
38. Automatic lubricating system
39. Automatic lubrication system
40. Automatic mileage projector
41. Automatic motorized glass door open/close mechanism
42. Automatic panel system
43. Automatic poor quality rejecter
44. Automatic porch light
45. Automatic pressure controller/cum valve open/close arrangement
46. Automatic PVC pipe cutting machine
47. Automatic quality testing system
48. Automatic railway gate control system
49. Automatic railway gate system
50. Automatic rain operated wiper
51. Automatic rain operated wiper
52. Automatic remote diesel starter
53. Automatic screen printing machine
54. Automatic sealing machine
55. Automatic tool store
56. Automatic typical pipe cutting m/c
57. Automatic vehicle supervisor
58. Automatic vulcanizing system
59. Automatic wash basin
60. Automatic weighting/packing machine
61. Automobile electronic panel system
62. Band saw cutting machine
63. Basins listen cum seeder
64. Battery car
65. Battery car with rechargeable system
66. Battery cycle
67. Blood / glucose flow rate controller (motorized)
68. Bottle vending machine
69. Brake failure indicator
70. Brand bed former cum seeder
71. Burnishing m/c
72. Car / two wheeler automatic headlight dim & bright controller
73. Car air purifier
74. Car or bus reverse operation navigation system (using IR eye)
75. Car security system using GPS
76. Car speed recorder
77. Chicken skin peeler
78. Chisel plough
79. Choft coffer

80. CNC bar feeding machine
81. CNC drilling m/c
82. CNC hacksaw m/c for sheet cutting
83. CNC pallet changer for drilling machine
84. CNC punching m/c
85. CNC thermo coal cutting machine
86. Coconut tree sprayer
87. Code wider
88. Coin vending machine
89. Complete digital of engine and parts
90. Computer controlled PCB drilling machine
91. Computer controlled servo indexing table
92. Computer controlled vehicle
93. Convert your tap or salty bore well water into purest,
94. -tastiest bottled quality drinking water
95. Coolant monitoring system
96. Cordless communication system for cars
97. D & F abrasive cutting m/c
98. D & F carbon manufacturing m/c
99. D & F electric two wheeler with rechargeable
    a. battery and indicating panel (foldable type)
100. D & F floor cleaning m/c
101. D & F hand operated spring rolling m/c
102. D & F of abrasive belt grinder
103. D & F of abrasive jet m/c
104. D & F of automatic coil winding m/c
105. D & F of automatic drilling and tapping m/c
106. D & F of automatic embossing drilling m/c
107. D & F of automatic spring rolling m/c
108. D & F of cam and code method of sliding machine
109. D & F of circular cutting m/c
110. D & F of concave attachments for lather
111. D & F of coolant pump with fitting
112. D & F of double yarn twist system
113. D & F of electric two wheeler
114. D & F of foldable electric two-wheeler
115. D & F of folding mobile
116. D & F of gas converted power sprayer
117. D & F of gear type injection molding m/c
118. D & F of high pressure multistage pump
119. D & F of hot & cold water dispenser
120. D & F of hot and cold water dispenser
121. D & F of hydraulic injection moulding m/c
122. D & F of involutes gear profile error detector
123. D & f of kits bike
124. D & f of micro boarding attachment
125. D & f of multistage pump
126. D & f of pneumatic bearing press system
127. D & f of pneumatic cutting and grinding m/c
128. D & f of pneumatic injection moulding m/c
129. D & f of pneumatic reciprocating water pumping system
130. D & f of pneumatic vice
131. D & f of rotary gear pump
132. D & f of scissor plat form m/c (hydraulic)

133. D & f of scissors platform m/c
134. D & f of screw slotting m/c
135. D & f of self primary centrifugal pump
136. D & f of slow & high speed drilling m/c
137. D & f of soft start couplings
138. D & f of swimming pool cleaner
139. D & f of triangular air compressor
140. D & f of triangular air compressor with common compressor chamber
141. D & f of two stage self primary pump
142. D & f wall grove cutting m/c
143. Dash board automation.
144. Data acquisition system with GSM modem
145. Data logger for f1 racers
146. Design & fabrication of seed sprayer
147. Design and fabrication of injection moulding m/c
148. Design of effluent treatment plant
149. Design of mosaic polishing machine
150. Development and fabrication of modern burner cum room - heater
151. Digital controller coil winding system
152. Digital fuel usage monitors
153. Digital ignition sequencer
154. Digital over load indicator for vehicle
155. Digital pressure indicator for wheels
156. Dish antenna tracking system for automatic or remote
157. Diviner cutter (gas cutting)
158. Driver position replay through VR and AI processing
159. Electrical hammer mechanism
160. Electrical spot welding m/c
161. Electromagnetic breaking system
162. Electronic braking system
163. Electronic hacksaw
164. Electronic lamination m/c
165. Electronic numeric keyboard cum motorized (mechanism)
166. -safety locking system with electronic security system
167. Electronic water filter cum auto filling system
168. Electronic weather clock
169. Emergency braking system
170. Emergency pneumatic braking system for four wheelers
171. Energy saving lighting arrangement
172. F of car, two wheeler head-light dim-bright controller
173. F of activated carbon manufacturing plant
174. F of air conditioning machine
175. F of air dryer
176. F of automatic envelope folding machine
177. F of battery cycle
178. F of black box for automobile
179. F of bottle cooler
180. F of cooling tower
181. F of double reflection solar cooker
182. F of drilling m/c with key way attachment
183. F of drilling m/c with tapping attachment
184. F of electric two wheeler
185. F of electric two wheeler with rechargeable battery
186. F of gas kit circuit board for two & four wheeler
187. F of gas kit for four wheeler

188. F of gas kit for power sprayer
189. F of gas kit for three wheeler
190. F of gas kit for two & four wheeler
191. F of hand-operated-pneumatic robot
192. F of hydraulic hammer
193. F of hydraulic hand operated bus bar bender
194. F of hydraulic jack
195. F of hydraulic kit with power pack
196. F of hydraulic liner puller
197. F of hydraulic pipe bending m/c
198. F of hydraulic pressure testing pump
199. F of hydraulic puller
200. F of hydro pneumatic vice
201. F of mini water heater
202. F of motorized jack
203. F of oil pump of water pump for jeep and tractor
204. F of pneumatic 3/8th inc. Reversible drilling attachment
205. F of pneumatic grinding m/c
206. F of pneumatic material handling device
207. F of pneumatic pick & place robot
208. F of pneumatic printing press system
209. F of pneumatic punching m/c
210. F of pneumatic reciprocating saw m/c
211. F of pneumatic sander & polisher m/c
212. F of pneumatic screw driver m/c
213. F of pneumatic trainer kit with air compressor
214. F of power generation using highway speed brake system
215. F of power generation using steps
216. F of refrigeration system (trainer)
217. F of remote operated belt conveyor
218. F of remote operated pneumatic robot
219. F of solar agro sprayer
220. F of solar air cooler
221. F of solar cooker
222. F of solar cycle
223. F of solar fan with light
224. F of solar lighting system
225. F of solar operated automobile air cooler
226. F of solar power packing system
227. F of solar water heater system
228. F of two wheeler pipe shock absorber bends removing m/c
229. F of ultimate auto security system
230. F of vulcanizing m/c
231. F of water cooler cum air cooler
232. F of water heater
233. Fabrication of cotton tape manufacturing m/c
234. Fabricating of micro holes driller
235. Fabrication of "u" bending 80 pipe bending m/c
236. Fabrication of absorption dryer
237. Fabrication of air cooler
238. Fabrication of arbor presses m/c
239. Fabrication of automatic cone winding
240. Fabrication of automatic steering system
241. Fabrication of bending removing press
242. Fabrication of bottling of sugarcane juice machine

243. Fabrication of brass screw threading and tapping m/c
244. Fabrication of CAM vice
245. Fabrication of chapatti maker m/c
246. Fabrication of coffee seeds, of leaf remove and cleaning m/c
247. Fabrication of coil winding machine
248. Fabrication of concave attachment for shaper
249. Fabrication of conduct pipe bending machine
250. Fabrication of copper wire cutting m/c
251. Fabrication of cylinder block boring machine
252. Fabrication of diesel engine (trainer)
253. Fabrication of disc break
254. Fabrication of drilling machine with variable speed drive in level method
255. Fabrication of drilling machine with variable speed drive in screw method
256. Fabrication of duplicate key making machine
257. Fabrication of eccentric press m/c
258. Fabrication of electro magnetic break
259. Fabrication of fly press m/c
260. Fabrication of gas kit for two wheeler
261. Fabrication of grass cutting m/c
262. Fabrication of hand operated bending m/c
263. Fabrication of hand operated edge folding machine
264. Fabrication of hand operated treating machine
265. Fabrication of hardness testing m/c
266. Fabrication of home flour mill
267. Fabrication of hydraulic hand operated "electrometric" pipe bending m/c
268. Fabrication of hydraulic hand operated pipe bending m/c
269. Fabrication of hydraulic press
270. Fabrication of key way milling machine
271. Fabrication of L.L.D.P. Material extruder (H.M.H.D.P.P. Material)
272. Fabrication of lathe coolant pump with fitting arrangements
273. Fabrication of level operated conical bending roller m/c
274. Fabrication of milking m/c
275. Fabrication of mini hydraulic press
276. Fabrication of mini lathe
277. Fabrication of mini size laminating machine (3 types)
278. Fabrication of motor control pump running with remote control method 20
279. Fabrication of multi drilling head with self feeder
280. Fabrication of oil pump and water pump for cars, jeeps and tractors
281. Fabrication of oven
282. Fabrication of plate bending m/c
283. Fabrication of PCB drilling m/c
284. Fabrication of pneumatic belt conveyor
285. Fabrication of popcorn maker m/c
286. Fabrication of portable drilling m/c (with wonder cutter)
287. Fabrication of pulverize
288. Fabrication of roller burnishing tool
289. Fabrication of room cooler & heater
290. Fabrication of rotary vane pump
291. Fabrication of rubber melting m/c
292. Fabrication of self feed drilling head
293. Fabrication of semi circular cutting m/c
294. Fabrication of semi-automatic ramming m/c
295. Fabrication of sheet metal cutting
296. Fabrication of sheet straightening m/c
297. Fabrication of slotting method used in drilling machine

298. Fabrication of soda making m/c
299. Fabrication of solar air cooler
300. Fabrication of tapping m/c (pitch control tapping m/c)
301. Fabrication of tilt able extension ladder
302. Fabrication of tool post grinder
303. Fabrication of top and bottom seaming m/c
304. Fabrication of vacuum pump
305. Fabrication of vacuum pump
306. Fabrication of variable drive gear box
307. Fabrication of wind mill
308. Fabrication of wood turning lathe m/c
309. Fabrication of yarn pigment tester
310. Folding mobile with gas and petrol
311. Fuel gauge meter
312. Fuel tap open / close reminder
313. Gas monitoring system
314. GPS based tracking system for automobiles
315. GPS online tracking with GSM modem
316. Groundnut harvester
317. Groundnut thruster
318. Halogen lamp using light depending resistor sensor
319. High speed sensing automatic speed breaking system
320. Highways high speed (vehicle) sensing & automatic speed breaking system
321. Highways high speed sensing and automatic speed braking system
322. Hire meter for automobile
323. Hydraulic cylinder
324. Hydraulic noodles machine.
325. Hydraulic power pack
326. Hydraulic puller for automobile engines
327. Hydraulic scissor jack
328. Hydraulic screw jack
329. Indexing table for drilling machine
330. Industrial boiler flame remote adjustment system
331. Intelligent braking system
332. Intelligent car lighting system
333. Irrigation channel former
334. Jigs and fixtures
335. Lift controlling system (model) interact
336. Liquid mixer
337. Long handled wider
338. Machine monitoring system
339. Magnetic iron separator
340. Magnetic locker
341. Magnetic shock absorber for automobile (model)
342. Manual injection molding
343. Measurement using image processing
344. Metal detector
345. Mini crushing m/c
346. Mini milling machine
347. Mini portable gen-set
348. Mobile air cooler
349. Mobile electronic navigating mechanism
350. Mobile over speed controlling system
351. Mobile over speed indicator
352. Mobile wheel position indicator

353. Model highway road curve finder
354. Motor pump tuning using solar power
355. Money transfer security with miniature GPS
356. Motor tracking system using remote sensing
357. Motorized crane
358. Motorized focus light tracking mechanism (in all direction)
359. Motorized power jack
360. Motorized wheel chair for physically disabled
361. Musical water fountain system
362. New bust stopping arrangement
363. Non conventional air compressor
364. Numeric control gate locking system
365. Numeric controller gate locking system
366. OBD adapter for automobiles
367. Off line tracking system with GPS
368. Online tracking system with GPS
369. Over head tank remote indicator cum controlling system
370. Packing control machine for industry (model)
371. Paddy drain co-seeder
372. Paddy harvester
373. Paddy thresher
374. Paddy transplanted
375. Pedestal spot welding m/c
376. Paint mixing machine
377. Paper counting m/c
378. Payload monitoring system
379. PC based plate cutting machine
380. PCB drilling machine
381. Plant water splashing mechanism
382. Pneumatic auto feed sheet cutting m/c
383. Pneumatic auto-feed drilling machine
384. Pneumatic belt conveyor
385. Pneumatic controlled door locking system
386. Pneumatic cylinder
387. Pneumatic door opener
388. Pneumatic hand drilling
389. Pneumatic hand grinder
390. Pneumatic operated mobile crane
391. Pneumatic punching and reverting m/c
392. Pneumatic punching machine
393. Pneumatic reciprocating water pumping system
394. Pneumatic sheet-cutting machine
395. Portable cutting machine
396. Power jack operating through remote
397. Power rotary wider
398. Power steering using servo actuators
399. Production line monitoring system
400. Programmable gas cutting machine
401. Programmable hopper with computer control
402. Programmable ratio controller
403. Prototype GPS
404. Punching machine
405. Remote car security system
406. Remote material handler
407. Remote metal detector

408. Remote motorized gas stove on/off with flame adjustment system
409. Remote operated solar car
410. Re-automatic washing m/c
411. Rigger seeder
412. Robot controlled vacuum cleaner
413. Room / toilet automatic perfume spray m/c
414. Rotating dish antenna (model)
415. Satellite antenna for GPS
416. Seed sprayer
417. Sheet metal bend removing machine
418. Shocks absorber testing machine
419. Shop floor monitoring system
420. Signaling IR beacon for hill stations
421. Single axis sliding table
422. Single cylinder double acting pump
423. Sliding table for grinding machine
424. Small clamps / angles bending m/c
425. SMS operated vehicle
426. Solar agro sprayer
427. Solar air-dryer
428. Solar based oven
429. Solar car
430. Solar guided vehicle
431. Solar guided vehicle
432. Solar home lighting system
433. Solar operated automobile wiper (automatic)
434. Solar operated vehicle
435. Solar power generation with auto tracking system
436. Solar power operated automobile air conditioner
437. Solar seed dryer
438. Solar sheets prayer
439. Solar street lighting system (automatic)
440. Solar traffic control system
441. Solar water cooling system
442. Solar water heater
443. Solar water heating system
444. Solid state ignition
445. Spark plug tester
446. Store automation with MRP
447. Temperature control with cooling system
448. Tractor drawn seeder
449. Trencher
450. Turmeric harvester
451. Two axis sliding table
452. Two wheeler engine art section model
453. Two wheeler pipe, shock observer, hydraulic bending removing m/c
454. Ultrasonic radar for highway drivers
455. U-type, v-type, l-type angle bending m/c
456. U.V rays water cleaning cum continuous water supply mechanism
457. Valve teen in kitchen (cooker operating system)
458. Vehicle battery monitoring in digital
459. Vehicle guiding through remote
460. Vehicle obstacle indicator and auto braking
461. Vehicle speed measuring using IR rays information reader
462. Vehicle status monitoring system

463. Vehicle tampering protection
464. Vehicle theft alarm
465. Video camera motorized tracking mechanism (all directions)
466. Virtual reality based driver trainers
467. Voice operated vehicle
468. Water turbine power generating system
469. Windmill power generating system
470. X-rays plotter mechanism
471. Yarn detector and breaking controller

PC BASED PROJECTS

1. Add on board 24-I/O
2. Advanced wireless apartment security system.
3. Answering machine cum auto dialing call transfer.
4. Arbitrary waveform generator
5. Attendance system for industries
6. Attractive electronic voting machine
7. Auto leveling robot for bore well motors
8. Automatic drilling machine
9. Automatic house cleaner
10. Automatic pathfinder robot
11. Automatic PCB drilling machine
12. Automatic pressure controller with valve open/close arrangement.
13. Automatic solar irrigation system
14. Automatic welding machine
15. Banking software
16. Bio-medical transmission and monitoring through fiber optic cable
17. Boiler control system.
18. Closed loop speed control of a universal motor.
19. CNC controlled drilling machine.
20. CNC controlled lathe
21. Code locking system
22. Computerized EB billing systems via power line
23. Constant job doing robot
24. Crack detector robot
25. Debit cards
26. Developing of PCB designs software
27. Digital inductance & capacitance meter
28. Digital photographic system
29. Digital weighing analyzer for Weigh Bridge
30. Dish positioned
31. ECG analyzer
32. EPROM programmer
33. Fiber optic communication trainer kit
34. Fiber based data transmission system.
35. Fire detector robot
36. Fire fighter
37. Floppy disk monitor
38. Four channel temperature controller
39. Frequency analyzer
40. Fuzzy & PID comparison of speed controller
41. Fuzzy applied fire sensing robot

42. Fuzzy based ECG analyzer
43. Fuzzy logic based heat exchanger controller
44. Hoarding management software
45. House security system using LASER
46. Humidification for textile industries
47. IC tester
48. Image processing software
49. Image processing through ADC
50. Incoming number display system in telephone
51. Industrial controller through fiber optic cable
52. Isolated RS-232 interface
53. Level and temperature controller
54. Lift controller
55. Machine design software
56. Magnetic card reader
57. Mark sheet preparation software
58. Maximum demand controller
59. MC to PC communication through telephone line
60. Mini robot car
61. Motor controller 10 A/C motor
62. Motor controller single phase ac motor
63. Motor monitoring system
64. Motor speed & direction monitoring system
65. Motor speed control using IR
66. Moving message display
67. Multi channel fire alarm in remote sensing
68. Multimedia advertising
69. Networking of industrial parameter
70. Object sensing and pick & place robot pneumatic controlled robot
71. Office automation system
72. On line inspection robot
73. Optical fiber communication kit
74. Patient care monitoring system
75. Patient monitoring system through fiber optic cable
76. Patient treatment recorder
77. PC based robot
78. PC based a/c
79. PC based boiler control system
80. PC based CRO
81. PC based ECG waveform analyzer through telephone line
82. PC based fuzzy logic multivariable controller
83. PC based higher resolution crack detection with plotting
84. PC based IC tester
85. PC based image grabber
86. PC based impedance relay
87. PC based inductance motor control system with PID
88. PC based machine shop machine automation
89. PC based motor management
90. PC based pick & AVR programmer
91. PC based programmable coil winding machine
92. PC based protection monitoring system for textile
93. PC based RS-232 controlled 8-channel switch using extended mode LPT port
94. PC based servo motor controller
95. PC based standard remote data acquisition system for 2 machines
96. PC based stepper motor controller

97. PC based temperature and speed control system for plastic molding machine
98. PC based temperature controller
99. PC based yarn lee strength measurement
100. PC interface for can lines
101. PC remote stepper motor controller
102. PC to MC based digital wind anemometer
103. PC to MC communication with USB port
104. PC to MC laser communication
105. PC to PC communication
106. PC to PC IR communication
107. PC to PC LASER communication
108. PC to PC through telephone line
109. PC to PC communication through telephone line
110. Personal computer trainer system
111. PH measurement
112. PH, temperature and level controller
113. Plate cutting machine
114. PLC based objects.
115. Power steering robot for automobiles
116. Pre-payable user card for telephone
117. Pressure measurement
118. Production for I/O parts
119. Programmable coil winding machine
120. Pulse monitor
121. Recorder cum security system
122. Remote control cum path finder
123. Remote control of a programmable electronic dimmer
124. Remote control robot
125. Remote control through fiber optic cable
126. Remote EB billing system through power line using pc
127. Remote pre-settable speed control universal motor through power line or fm.
128. Remote printing system using wireless system
129. Remote stepper motor controller
130. Robotic using tissue analyzer process
131. RS- 232 controlled 8 - channel switch using extended mode LPT port.
132. Solar data logger
133. Solar panel tracking robot
134. Speech controlled dos command operation
135. Speech synthesizer
136. Stepper motor controller
137. Stepper motor direction & speed control
138. Supervisory controller
139. Tank level indicator through telephone line
140. Tele switching with DTMF decoder
141. Telephone incoming number display
142. Telephone operated lights
143. Telephone operated pick & place robot PC based flow control for ph maintenance
144. Telephone operated robot
145. Temperature monitor and controller through telephone line
146. Temperature & pressure control system for mixer
147. Temperature and speed control system for plastic molding machine
148. Temperature controller through fiber cable testing
149. Three phase voltage sharing and load protector and auto cut-off & timer
150. Thumb recognition drilling machine
151. Traffic maintenance and monitoring system by sensors (advanced)

152. Ultrasonic level measurement & control
153. UPS monitoring system
154. USB port interfacing technique
155. VLSI based wireless attendance
156. Voice coding and decoding
157. Voice dialing
158. Voice operated robot
159. Weather reporter
160. Wind mill control with phase synchronizer
161. Wind mill controller
162. Wireless home security system using pc
163. Wireless electronic voting machine
164. Wireless transmission of biomedical

ROBOTIC-PROJECTS

1. An infrared remote controlled robot
2. Auto leveling robot for ground level applications
3. Automatic feeder for hatcheries
4. Automatic gas cutting robot
5. Automatic path finding robot
6. Automatic welding robot
7. Automatic wheel alignment robot
8. Beam head
9. Color identification robot
10. Complete robotic car
11. Computer controlled mobile robot
12. Constant job performing robot
13. Crack detector robot
14. Crane operating robot through PC
15. Crane robot
16. Dish positioning robot
17. Dr. Ink
18. Egg picks & place robot
19. Eye bot
20. Fabrication of pneumatic pick and place robot
21. Fire fighter & sensing robot
22. Fire fighting robot
23. Fire fighting robots
24. Fuzzy applied fire sensing robot
25. Fuzzy based industrial robot
26. Fuzzy logic fire sensing robot
27. Gadget robot project
28. Gas detection robot for atomic power station
29. Glass cutting robot
30. Groundnut harvester
31. GWAR: a friendly, light following, tabletop robot
32. Hexapod robot
33. High speed material transferring robot through remote
34. Home security robot
35. House cleaning robot
36. Human eye (model) robot
37. Inchbot
38. Industrial robot
39. Intelligent (path finding) way searching pick & place robot

40. Intelligent robot
41. Interfaced pick and place robot (new model)
42. Interfaced stationary robot
43. Interfaced stationary robot crane magnetic type
44. IR light sensors for the mini bots
45. Lego controller
46. Lego robots
47. Lynx motion hexapod
48. Maze crawler
49. Micro-bot
50. Mind storm mazes
51. Mine detecting robot
52. Mini robot car (model)
53. Mini robot spray painting station
54. Mining application robot
55. Muscles for robots
56. Object sensing and pick & place robot
57. Object tracking robot using image processing
58. Omi-directional robot
59. On line inspection robot
60. Paint spraying robot
61. Path finder robot (way searching)
62. Pathfinder
63. PC based robot
64. Photo-vores solar engine
65. Pick & place robot with remote control
66. Pick and place robot
67. Pitronics
68. Plant water splashing robot
69. Plate-cutting robot
70. Pneumatic ball punching robot
71. Pneumatic controlled robot
72. Pneumatic operated constant job doing robot
73. Pneumatic operated four axis robots
74. Pneumatic operated multipurpose robot
75. Pneumatic pick & place robot with video camera
76. Racing rover
77. RC robots
78. Remote control cum path finder
79. Remote controlled stationary robot
80. Remote operating pneumatic robot
81. Robot controlled vacuum cleaner
82. Robot excavator (model)
83. Robot hand
84. Robot operating pneumatic robot
85. Robot to robot message transmission
86. Robotic arm manipulation
87. Robotic control through mains power line
88. Rollie
89. Sam: serial activated machine
90. Seed sprayer
91. Solar automated guided vehicle
92. Solar guided vehicle
93. Solar operated robot (pick & place moving)
94. Solar panel tracking robot

95. Sonar sensor for the robot
96. Spray painting robot
97. Tele-operated gripper
98. Telephone operated robot
99. The alligator robot
100. The bomb
101. The clap mobile
102. The robot pianist
103. The tagbot
104. The talking head
105. Tracer with camera
106. Video camera attached remove controlled robot
107. Voice controlling robot
108. Voice operated robot
109. Walking robot
110. Wire controlled pick and place moving robot
111. Wire router robot for panel wiring
112. Wireless robot
113. Yarn detector and breaking controlling robot

PC BASED PROJECTS

1. Add on board 24-I/O
2. Advanced wireless apartment security system.
3. Answering machine cum auto dialing call transfer.
4. Arbitrary waveform generator
5. Attendance system for industries
6. Attractive electronic voting machine
7. Auto leveling robot for bore well motors
8. Automatic drilling machine
9. Automatic house cleaner
10. Automatic pathfinder robot
11. Automatic PCB drilling machine
12. Automatic pressure controller with valve open/close arrangement.
13. Automatic solar irrigation system
14. Automatic welding machine
15. Banking software
16. Bio-medical transmission and monitoring through fiber optic cable
17. Boiler control system.
18. Closed loop speed control of a universal motor.
19. CNC controlled drilling machine.
20. CNC controlled lathe
21. Code locking system
22. Computerized EB billing systems via power line
23. Constant job doing robot
24. Crack detector robot
25. Debit cards
26. Developing of PCB designs software
27. Digital inductance & capacitance meter
28. Digital photographic system
29. Digital weighing analyzer for Weigh Bridge
30. Dish positioned
31. ECG analyzer
32. EPROM programmer
33. Fiber optic communication trainer kit

34. Fiber based data transmission system.
35. Fire detector robot
36. Fire fighter
37. Floppy disk monitor
38. Four channel temperature controller
39. Frequency analyzer
40. Fuzzy & PID comparison of speed controller
41. Fuzzy applied fire sensing robot
42. Fuzzy based ECG analyzer
43. Fuzzy logic based heat exchanger controller
44. Hoarding management software
45. House security system using LASER
46. Humidification for textile industries
47. IC tester
48. Image processing software
49. Image processing through ADC
50. Incoming number display system in telephone
51. Industrial controller through fiber optic cable
52. Isolated RS-232 interface
53. Level and temperature controller
54. Lift controller
55. Machine design software
56. Magnetic card reader
57. Mark sheet preparation software
58. Maximum demand controller
59. MC to PC communication through telephone line
60. Mini robot car
61. Motor controller 10 A/C motor
62. Motor controller single phase ac motor
63. Motor monitoring system
64. Motor speed & direction monitoring system
65. Motor speed control using IR
66. Moving message display
67. Multi channel fire alarm in remote sensing
68. Multimedia advertising
69. Networking of industrial parameter
70. Object sensing and pick & place robot pneumatic controlled robot
71. Office automation system
72. On line inspection robot
73. Optical fiber communication kit
74. Patient care monitoring system
75. Patient monitoring system through fiber optic cable
76. Patient treatment recorder
77. PC based robot
78. PC based a/c
79. PC based boiler control system
80. PC based CRO
81. PC based ECG waveform analyzer through telephone line
82. PC based fuzzy logic multivariable controller
83. PC based higher resolution crack detection with plotting
84. PC based IC tester
85. PC based image grabber
86. PC based impedance relay
87. PC based inductance motor control system with

- PID control action pc based data logger for process station

88. PC based machine shop machine automation
89. PC based motor management
90. PC based pick & AVR programmer
91. PC based programmable coil winding machine
92. PC based protection monitoring system for textile
93. PC based RS-232 controlled 8-channel switch using extended mode LPT port
94. PC based servo motor controller
95. PC based standard remote data acquisition system for 2 machines
96. PC based stepper motor controller
97. PC based temperature and speed control system for plastic molding machine
98. PC based temperature controller
99. PC based yarn lee strength measurement
100. PC interface for can lines
101. PC remote stepper motor controller
102. PC to MC based digital wind anemometer
103. PC to MC communication with USB port
104. PC to MC laser communication
105. PC to PC communication
106. PC to PC IR communication
107. PC to PC LASER communication
108. PC to PC through telephone line
109. PC to PC communication through telephone line
110. Personal computer trainer system
111. PH measurement
112. PH, temperature and level controller
113. Plate cutting machine
114. PLC based objects.
115. Power steering robot for automobiles
116. Pre-payable user card for telephone
117. Pressure measurement
118. Production for I/O parts
119. Programmable coil winding machine
120. Pulse monitor
121. Recorder cum security system
122. Remote control cum path finder
123. Remote control of a programmable electronic dimmer
124. Remote control robot
125. Remote control through fiber optic cable
126. Remote EB billing system through power line using pc
127. Remote pre-settable speed control universal motor through power line or fm.
128. Remote printing system using wireless system
129. Remote stepper motor controller
130. Robotic using tissue analyzer process
131. RS- 232 controlled 8 - channel switch using extended mode LPT port.
132. Solar data logger
133. Solar panel tracking robot
134. Speech controlled dos command operation
135. Speech synthesizer
136. Stepper motor controller
137. Stepper motor direction & speed control
138. Supervisory controller
139. Tank level indicator through telephone line
140. Tele switching with DTMF decoder

141. Telephone incoming number display
142. Telephone operated lights
143. Telephone operated pick & place robot PC based flow control for ph maintenance
144. Telephone operated robot
145. Temperature monitor and controller through telephone line
146. Temperature & pressure control system for mixer
147. Temperature and speed control system for plastic molding machine
148. Temperature controller through fiber cable testing
149. Three phase voltage sharing and load protector and auto cut-off & timer
150. Thumb recognition drilling machine
151. Traffic maintenance and monitoring system by sensors (advanced)
152. Ultrasonic level measurement & control
153. UPS monitoring system
154. USB port interfacing technique
155. VLSI based wireless attendance
156. Voice coding and decoding
157. Voice dialing
158. Voice operated robot
159. Weather reporter
160. Wind mill control with phase synchronizer
161. Wind mill controller
162. Wireless home security system using pc
163. Wireless electronic voting machine
164. Wireless transmission of biomedical

VHDL & VLSI BASED PROJECTS

1. 1394 LLC
2. 5x4Gbps CRC generator designed with standard cells
3. 8 bit Microcontroller
4. 8 bit Microprocessor
5. 8048 µController
6. Adaptive Filter design
7. ADPCM algorithm
8. Arm core
9. Basic DES crypto core
10. Basic RSA encryption engine
11. CISC processor design
12. CPU Generator
13. Cryptographic communication
14. Cryptographic controller design
15. CV001 CORDIC core
16. Debit card
17. DES Algorithm design
18. Design and implementation of 2D DWT architecture
19. Design and implementation of acoustic echo canceller
20. Design and implementation of adaptive beam former for sonar system
21. Design and implementation of adaptive noise canceller
22. Design and implementation of declination filter
23. Design and implementation of digital architecture of support vector machine
24. Design and implementation of distributed arithmetic algorithm based FIR filter
25. Design and implementation of energy scalable system design
26. Design and implementation of fuzzy logic controller
27. Design and implementation of histograms accumulator buffer
28. Design and implementation of image compression technique

29. Design and implementation of image segmentation using VLSI
30. Design and implementation of noise cancellation using recursive least square
31. Design and implementation of packet scheduling algorithm for ATM switches
32. Design and implementation of read salmon decoder
33. Design and implementation of safer encryptions algorithm in blue tooth using
34. Designing an active noise control system using DSP and VLSI
35. DMT Transceiver
36. E1 Framer/De framer
37. Electronic voting machine
38. FIR & IIR filter designing
39. First File Reader FAT16
40. Fuzzy controller design
41. Fuzzy Logic Hardware Accelerator
42. HDB3/B3ZS Encoder + Decoder
43. Home appliances control designing
44. I2C controller core
45. Identity card designing
46. Image processing
47. Image processing in VLSI
48. ISA bus design
49. JOP: a Java Optimized Processor
50. Linear Predictive Coding
51. List of VLSI projects
52. Mini MIPS
53. Motion Detection From Image Sequences Using A New Fully Digital VLSI
54. MP3 decoder
55. Neural Architecture PID controller
56. Object counter designing
57. PCI bus design
58. Plasma - most MIPS I(TM) Epodes
59. Quadrature Decoder / Counter
60. Railway barrier monitor
61. RISC coprocessor designing
62. RISC5x
63. RSA Algorithm design
64. Security system
65. Single clock unsigned division algorithm
66. SISC processor design
67. Smart card designing
68. SPDIF Interface
69. Spectrum analyzer
70. Stepper Motor Controller
71. System680
72. system6805
73. System6809
74. System6811
75. Traffic light controller
76. UART designing
77. Vending machine
78. Wireless attendance recorder cum security system
79. WISHBONE Builder
80. Wishbone System6800/01

DIGITAL BASED PROJECTS

1. 3½ digit led DPM operating on +5v for 200mv or 2v
2. 4 channel temperature scanning for cardiac surgery
3. 4 digit object counter
4. 4 digits frequency meter
5. 4 * 2 printer sharer (computer)
6. 40W fluorescent lamp inverter
7. 555 testers
8. 5-digit interruption counters
9. 74Ls series CMOS tester
10. 74 series TTL tester and 741 tester
11. 8 digit object counter
12. 8 digits frequency meter
13. 8085 microprocessor kit
14. A portable data logger
15. A single chip timer with digital clock and calendar
16. AM/FM radio receiver using BEL 7200
17. AC and DC motor control system
18. AC motor speed controller
19. AC power line switching control
20. Activity control system for industries
21. Adaptive lighting system for automobiles
22. Advanced digital trainer
23. Advertisement display using LED's
24. Analog frequency
25. Anemometer and flow meter
26. Answering M/C & home appliance control through P & T line
27. Audible continuity tester
28. Audible thermometer
29. Audio communication using fiber optic cable
30. Audio communication using LASER beam
31. Audio spectrum analyzer
32. Audio sweep generator
33. Audio system through power line
34. Auto controlled soldering iron
35. Auto dialing system
36. Auto switch for toilets
37. Auto voltage stabilizer using auto transformer
38. Automatic change over for generator to main supply
39. Automatic digital time switch
40. Automatic door opening and closing system
41. Automatic drainage timer
42. Automatic drilling machine
43. Automatic electronic filling machine
44. Automatic electronic plant watering system
45. Automatic gate opening system (toll collection, mode)
46. Automatic induction motor starter with programmable timer
47. Automatic path finder
48. Automatic phone pickup
49. Automatic torch light cum door phone
50. Automatic remote diesel generator starter
51. Automatic spray painting gun
52. Automatic star-to-delta converter
53. Automatic street lamp
54. Automatic transformer winding control system
55. Automatic voltage stabilizer
56. Automatic washbasin
57. Automatic water tank filling system
58. Auto ranging digital multi meter
59. Bank token display with speech
60. Battery charger & discharge
61. Battery resistance meter
62. Battery tester
63. Baud rate generator
64. Binary to dot-matrix decoder
65. Bipolar relay with single supply
66. Bipolar stepper motor control

67. Blind stick using infrared
68. Bowel mains running lights
69. Budget sweep function generator
70. Burglar alarm to protect your home
71. C- Band satellite TV receiver
72. Capacitance meter
73. Car security system
74. Care-taker for home appliances
75. Cell phone line detector
76. Central locking system
77. Centralized remote control for multiple systems
78. Channel spectrum analyzer
79. Clap - operated remote control for fans
80. College announcement system (remote)
81. Color TV demonstration board
82. Compact frequency meter
83. Compact switching step down converter
84. Conductance tester
85. Conference timer
86. Configurable clock generator
87. Contact less AC main voltage detector
88. Control system for industries
89. Conversion of TV into CRO
90. Cordless intercom
91. Cordless pattern generator
92. Cordless remote control
93. Cordless security system
94. Count down timer
95. Current and voltage monitoring system
96. Dancing fountain
97. Day date computer
98. DC adapter with battery backup
99. DC to DC converter
100. Digital time switch
101. Digital alarm clock (0.5"/1"/1.5"/3.5")
102. Digital anemometer (wind speed)
103. Digital bank token display
104. Digital bank token display with voice communication
105. Digital based stepped output voltage
106. Digital car lock with alarm
107. Digital chip clock cum calendar.
108. Digital clock using plasma display
109. Digital clock with on-off timer
110. Digital code lock system
111. Digital control for out door lights
112. Digital control of machines
113. Digital controller for outdoor lights
114. Digital depth measurement
115. Digital energy meter
116. Digital fan speed regulator
117. Digital fire alarm system
118. Digital heart beat monitor
119. Digital IC tester
120. Digital inductance meter
121. Digital LED volt meter
122. Digital length measurement
123. Digital light (MUX) meter
124. Digital low frequency meter
125. Digital low power thermometer
126. Digital master - slave clock
127. Digital maximum and minimum thermometer
128. Digital numeric controlled locking system
129. Digital PH meter
130. Digital phase meter
131. Digital programmable dark room controller
132. Digital quiz display

133. Digital score display board
134. Digital slope measurement
135. Digital speed control of DC motor
136. Digital speedometer
137. Digital STD call meter
138. Digital switching system
139. Digital tachometer
140. Digital thermometer
141. Digital timer switch
142. Digital traffic counter
143. Digital trainer system
144. Digital V/I meter
145. Digital V+F meter
146. Digital visitor counter
147. Digital volume control
148. Digital water level meter
149. Digital watt meter
150. Digital wide range thermometer
151. Digital wiring allocation tester
152. Dish antenna
153. Doorbell -cum-security alarm
154. Drainage pump switch
155. Drilling machine speed controller
156. Dryer and prevented
157. DTMF based IR proximity sensor
158. E- Meter for monitors
159. Earth fault detector
160. ECG amplifier
161. ECG monitor and patient care monitoring
162. Electronic calling intercom
163. Electronic capacitance meter
164. Electronic card locking system
165. Electronic circuit breaker
166. Electronic code lock
167. Electronic doorman
168. Electronic hand dryer
169. Electronic ignition system for automobiles
170. Electronic motor starter
171. Electronic rain gauge
172. Electronic soft starter for motors
173. Electronic stethoscope
174. Electronic switch starter with single phase preventor
175. Electronic transformer tester
176. Electronic voltage stabilizer
177. Electronic voting machine
178. Electronic weather cock
179. Emergency light
180. Energy meter
181. Engine RPM meter
182. EPROM based programmable number locks
183. EPROM eraser
184. EPROM programmer
185. Fax guard
186. Fiber optic based controlling system
187. Fire alarm
188. Fire sensing system
189. Fixed power supply
190. Flashing running light
191. Flip flop timer
192. Fly killing using rays
193. FM based long range conversation system
194. Fm based walkie-talkie
195. FM intercom through mains signaling
196. FM receiver
197. FM telephone transmitter
198. FM transmitter and receiver

199. Foot step pressure electrical power generation system
200. Four-in-one telephone
201. Frequency converter
202. Frequency doublers
203. Fuel consumption meter
204. Full featured touch control programmable power supply
205. Function generator
206. General purpose digital tester
207. General purpose nickel battery charger
208. Generator scale enhancement
209. Glucose drip through motor controller
210. Governor for 1 phase motor
211. Governor for single phase motor
212. Hand held anemometer
213. Harmonic distortion meter
214. Heave duty voltage stabilizer
215. Hexadecimal keyboard
216. High power stereo integrated amplifier
217. High input voltage linear regulator
218. High resolution AC/DC voltmeter with led display
219. High side current measurements
220. High speed digital interruption counter
221. High voltage differential amplifier
222. Hit the target and electronic game
223. Home security system
224. Home telephone system
225. House security system using laser
226. Humidity controller
227. Hygrometer for industries
228. IC trainer system for 555&741
229. Industrial control system
230. Industrial monitoring system
231. Industrial safety control system
232. Infer red light barrier
233. Infra - red traffic counter
234. Infra red based position controller using stepper motor
235. Infra red based remote control
236. Infra red based stepper motor speed control
237. Infra red cordless head phone
238. Infra red interruption counter
239. Infra red operated relay
240. Infra red proximity sensor
241. Infrared movement detector
242. Infrared transmitter receiver
243. Intelligent car lighting system
244. Intelligent electronic lock
245. Ionization meter
246. IR speed controller
247. IR volume controller
248. Lamination machine
249. LASER transmitter receiver
250. LCD digital thermometer
251. LCD MUX meter
252. LED dial clock
253. LED speed meter
254. LED stroboscope
255. Light brightness control using PWM
256. Light effect generator
257. Light meter
258. Light power thermo meter
259. Liquid - level gauge
260. Long duration timer with accuracy
261. Low noise microphone amplifier
262. Magnetic field meter
263. Main phase sequence indicator
264. Mains fault detector

265. Mains frequency indicator
266. Mains voltage detector
267. Max. Temp. Detector for fan controller
268. Metal detector
269. Microphone mixer
270. Microwave field strength meter
271. Moving message display
272. Multi change files alarm system
273. Multi channel codes lock system
274. Multi channel emergency indicator
275. Multi channel logic analyzer
276. Multi channel programmable timer
277. Multi channel remote control
278. Multi channel taco scanner
279. Multi device control system using fm
280. Multi range adjustable timer
281. Multi channel fire alarm system & controller
282. Multifunction digital counter
283. Multiple continuity testers
284. Multipurpose digital counter
285. Neo digital clock
286. Noise & vibration detector
287. Numeric controller gate locking system
288. Object counter for industrial application
289. Office call bell system
290. Op- amp radio
291. Optical speed measurement for motors
292. Optical fiber communication using home/industrial controlling system
293. Optical locking system
294. Optical speed measurement for motors
295. Optical taco meter
296. Opto isolated RS - 232 interface
297. Over speed prevented for two wheeler
298. Overload sensing system
299. P. T. 100 thermo meter
300. Pal test patter generator
301. Pattern generator
302. PC based speed monitoring system
303. PC based visitor counter
304. PC battery charger
305. PC parallel ports relay board
306. PC-based 4axis stepper motor
307. PC-to-PC communication using infrared / laser beam
308. PH meter
309. Phase failure relay
310. Phase sequence tester
311. Phone busy indicator
312. PIC 16f84/16c84 mini programmer
313. Power diode for solar power systems
314. Power factor monitor
315. Power line intercom
316. Power line through tachometer
317. Power room monitor
318. Power supply with logic battery backup
319. Pre settable on/off timer
320. Precise digital AC power controller
321. Precision amplifier with digital controller
322. Precision digital stop watch
323. Presentation running lights
324. Pressure monitor & control
325. Pressure switch
326. Printer sharing box
327. Programmable bell system
328. Programmable digital timer cum clock
329. Programmable liquid level control
330. Programmable melody generator

331. Programmable motor speed control
332. Programmable number lock
333. Programmable priority time switch
334. Programmable sine wave generator
335. Programmable sound synthesizer
336. Programmable versatile timer
337. Programmable volume control
338. Push button dimmers switch timer
339. Quiz master
340. Railway barrier monitor
341. Rain detector
342. Rainwater storage gauge
343. Refrigeration temperature control
344. Remote car security system
345. Remote flame controller
346. Remote fuse blow indicator
347. Remote generator on/off with automatic change over
348. Remote metal detector
349. Remote operated furnace flame controller
350. Remote power electrical appliance controlling telephone line
351. Remote tachometer
352. Remote telephone communication for automobile with load control
353. RF decibel meter
354. RF transmitter and receiver
355. Rpm meter with torque indication
356. S meter for RF systems
357. Safety switch(ELCB)
358. Scope triggering aid for video signals
359. Score display board
360. SCR/TRIAC tester
361. Security monitoring system
362. Security system with cellular
363. Security systems for cars
364. Semiconductor tester
365. Sensitive overload sensor
366. Sequential switching for industrial application
367. Serial to parallel converter
368. Series/parallel equivalent circuits in excel
369. Servo stabilizer
370. Shock preventer
371. Shutter speed meter
372. Simple AC milli-volt meter
373. Simple conductance tester
374. Simple patter generator
375. Simple preamplifier
376. Simple self -inductance meter
377. Simple sweep generator
378. Simple voltmeter
379. Sine wave generator
380. Single board basic computer
381. Single chip am audio
382. Single chip clock cum calendar.
383. Single phase preventer
384. Single phase voltage tripper and over load protector
385. Single supply instrumentation amplifier
386. Single transistor radio
387. Siren driver
388. Small power converter
389. Smart transistor tester
390. Smoke detector
391. SMPS power supply for computer
392. SMPS power supply for TV
393. Solar agro sprayer
394. Solar cell power generation with auto tracking system
395. Solar dryer
396. Solar light with emergency light (automatic)

397. Solar lighting system
398. Solar panel charge circuit low voltage cut off
399. Solar tracking system
400. Solid state voice recorder
401. Solid-state advertisement display
402. Sound generator
403. Sound pressure meter
404. Sound-to-light unit
405. Speech synthesizer
406. Speed control of 1 phase AC motor
407. Speed control of 3 phase AC motor
408. Speed controller for model train programmable amplifier
409. Speed monitor
410. STD Timer
411. STD/ISD/PCO call preventer
412. Stepped power supply
413. Stepper motor controller
414. Street light on/off controller
415. Strobe light
416. Sweep generator
417. Switch-less calling bill with counter
418. Tale recorder for industries
419. Talking clock with remote
420. Talking doorbell
421. Telephone answering & recording machine
422. Telephone call meter with memory
423. Telephone calls transfer through remote power line unit
424. Telephone controlled generic switching system
425. Telephone controlled remote switch
426. Telephone exchange
427. Telephone line based audio muting and light on circuit
428. Telephone line -interfaced generic switching system
429. Telephone line monitor
430. Telephone line switching system with remote electrical appliances on/off indicator
431. Telephone power line communication
432. Temperature control with cooling
433. Temperature controlled fan
434. Temperature controller for refrigerator
435. Temperature controller with fan for cooling arrangement
436. Temperature reference
437. Test pattern generator
438. Tester for infra red remote control
439. Testing and generation laboratory instruments
440. The new generation stethoscope
441. The mind reader
442. The universal timer
443. Three phase voltage-sharing system
444. Tone burst generator
445. Touch controlled variable power supply
446. Touch-free lights switch
447. Traffic light control system
448. Transistor tester
449. TRIAC light dimmer
450. TV pattern generator
451. Two station intercom
452. Ultra sonic distance meter
453. Ultrasonic alarm for bind people
454. Ultrasonic car reversal alarm
455. Ultra-sonic mosquito repeller
456. Ultra-sonic movement detector
457. Uninterrupted power supply - on - line
458. Universal counter
459. Universal digital function generator
460. Universal digital meter
461. Universal function generator
462. Universal logic probe

463. Universal rev counter
464. Universal symmetric power supply
465. Universal tester for laboratory
466. Variable speed multi-output led display
467. Vehicle speed indication and breaking system
468. Vehicle speed, fuel, temperature, air calculation
469. Versatile digital frequency counters cum clock
470. Vibration sensor
471. Video pattern generator
472. Voice activated FM transmitter
473. Voice coding and decoding
474. Voice controlled switch
475. Voltage inverter
476. Voting machine
477. Walkie-talkie through phone conversation hearing system
478. Walkman radio player
479. Watch dog
480. Water level indicator cum controller
481. Water storage tank level remote indicator & controlling system
482. Watt meter
483. Wireless apartment centralized security system
484. Wireless taco reading through power line
485. Yarn detector and breaking controller

COMMUNICATION BASED PROJECT

1. µc to µc communication
2. µc to µp communication
3. µp to µp communication
4. 10 +10 graphic equalizer
5. 100 w stereo sound systems
6. 1000 w hi-fi music system
7. 100w hi–fi stereo
8. Band satellite receiver
9. 2 - Meter FM receiver
10. 20 mar SSB/CW receiver
11. 20 meter CW/SSB receiver
12. 24cm fm amateur television transmitter
13. 25 w stereo decks
14. 40 meter direct conversion receiver
15. 5+5 graphic equalizer
16. 50W stereo deck
17. 500W stereo sound systems
18. 7 MHz armature radio receiver
19. AC & DC motor speed control
20. AC & DC motor speed control attendance register
21. Accident identification system
22. Active magnetic antenna
23. Advanced pager network
24. Advanced PLL communication system
25. Advanced studio recording system
26. Advanced telecommunications systems
27. AF level matching
28. AF signal tracer
29. Aircraft receiver kit
30. Attendance registers
31. Audio cassette copier
32. Automatic door control system
33. Automatic radio tuning system

34. Biomedical monitoring system
35. C band satellite receiver
36. Carrier current data transmission
37. Cassette deck
38. CD player digital audio mixer
39. Centralized monitoring system for call taxies
40. Centralized wireless networking for corporate
41. Compact walkie - talkie
42. Cordless bell
43. Cordless security system
44. Cryptographic secured communication for military applications
45. Digital audio / visual systems
46. Digital CD player
47. Digital pattern generator
48. Direction control system
49. Direction finding kit
50. Directional microphone
51. Dubbing mixer for recording studios
52. ECG picture messaging
53. Electricity billing through GSM modems
54. Electronic voting machine
55. Engine monitoring through mobile phones
56. Fax receiver VLF and SW
57. Fiber optic data communication
58. File transfer through GSM
59. FM digital tuner
60. GPS interface in GSM networks
61. GSM based security system
62. GSM based video surveillance recorder
63. High performance video mixer
64. Home automation through SMS
65. Image transfer through SMS
66. Industrial monitor through GSM networks
67. Infrared AF receiver
68. Infrared AF transmitter
69. Intelligent controller for oil wells
70. Internet controller for textile plant
71. IR cordless headphone
72. IR voice communicator
73. Long range remote control
74. Loop antenna construction
75. Mark announcement through SMS
76. Marvel super hi-fi music system
77. Micro wave communication model
78. Mind switch
79. Multi - station digital intercom.
80. Multi channel VHF comm. network system
81. Multi variable control system
82. Optical fiber data link
83. Power - line FW intercom.
84. Power line data transmission
85. Private pager network
86. Process controlling through SMS
87. Public address system
88. Railway accident monitoring system

89. Remote appliance control through SMS
90. Remote control home appliances through a cellular phone
91. Remote controlled dish antenna positioning
92. Remote controlled solar tracking system
93. Remote loudspeaker via IR link
94. Remote motor plugging forwarding jogging
95. Remote motor speed controller & activator
96. Remote sales terminal networking
97. Remote security system
98. Remote security system using VLSI design
99. Remote switching system for home appliances
100. RF tone _ dip oscillator
101. Robotic control through RF
102. Russian satellite receiver
103. S- Band satellite receiver
104. Secured communication between army stations
105. Secured communication between two army stations
106. Short range video transmitter
107. Shortwave radio kit
108. Signal activated recording
109. Single chip 50w AF amplifier
110. Smart antenna and low power RF transceiver
111. Smart clothes
112. Smart computing through SMS
113. SMS based weather reporting
114. Speed radar kit
115. Stacked tuned dipole transmit antenna system for FM broadcast band
116. Surrounding sound CD/CASSET player
117. Surrounding sound music system
118. Tele-remote control
119. Temperature and level monitor
120. Temperature controller & monitoring
121. The handy gate dip meter
122. Traffic announcement through GSM networks
123. TV transmitter kit
124. Two way intercom
125. UHF remote control transmitter
126. Vehicle tracking system
127. VGA distribution amplifiers
128. VHF /UHF television tuner
129. Video combine for video processing
130. Video distribution amplifier for CATV's
131. Video distribution amplifier for CCTV's
132. Video signal transmitter
133. Voting machine through GSM modem
134. Wide band active loop antenna
135. Wireless attendance register
136. Wireless audio communication system
137. Wireless bunker positioning system
138. Wireless controller cum internet controller
139. Wireless controller for knitting machine
140. Wireless controller for offset printing machine
141. Wireless data transmission
142. Wireless ECG monitor
143. Wireless EMG Monitor

144. Wireless energy monitor for power substation
145. Wireless keyboard operating system
146. Wireless LAN
147. Wireless Microphone
148. Wireless monitoring of electrical parameters with PC
149. Wireless motor monitoring system
150. Wireless mouse controller & printer
151. Wireless offset printing machine
152. Wireless process control system
153. Wireless robot
154. Wireless security system for apartments
155. Wireless taxi monitoring system
156. Wireless voting machine

BIO-MEDICAL PROJECTS

1. A model of CSF flow in the human CRANIO -vertebral junction
2. A portable patient training device for lung cancer treatment
3. A system for objective measures of patient functions related to quality of life
4. Abdominal aortic aneurysm pressure monitor
5. Add on mixing chamber for mechanical ventilator
6. An MRI compatible infusion pump
7. Assessment of intra pleural pressure changes using novel technology
8. Audible thermometer
9. Automatic defibrillator
10. Automatic medicine announcement system
11. Automatic metered dose inhalant (MDI) delivery device
12. Automatic remote patient monitoring system for hospitals
13. Bio electronic interface
14. Biofeedback/stress management
15. Biomedical application for virtual-reality (VR) or Tele- presence (TP)
16. Biomedical health card design
17. Biometric access control system
18. Biometric security system
19. Bio-Tele monitoring
20. Blood gas analyzer
21. Blood-flow meter
22. Cardiac oracle
23. Colorimeter
24. Computerized cardiac image analyzer
25. Computerized cardiac image classifier
26. Computerized cardiac patient monitoring system
27. Coordination performance tester
28. Depth of anesthesia monitor
29. Development of an exhaled breath condensate system for use during exercise
30. Device to measure the stiffness of intact mouse heart
31. Dew sensor
32. Drips mate
33. ECG monitor & analyzer
34. EEG monitor & analyzer
35. Electro gusto gram
36. Electro oculogram
37. Electro retina gram
38. Electronic fermentation rate indicator
39. EMG monitor & analyzer

40. Epilepsy monitor
41. Ergonomic ultrasound probe
42. Eye drop device
43. Eye movement measurement in MRI
44. Face detection recognition and tracking
45. Fence charger for farmers
46. Fetal heart beat monitor
47. Fiber optic transmission of biomedical parameters
48. Heart beat monitor
49. Home healthcare device
50. Hospital connecting system
51. Human gait analysis and recognition
52. Incubator monitor
53. Interactive audiometer
54. Low impact muscle simulator
55. Measurement of ventricular distances by using ultrasonic techniques
56. Mechanical testing system coupled with an environmental chamber
57. MRI phantom
58. Multi channel temperature monitor for surgery
59. Multi-iv fluid feed system
60. Pacemaker
61. Pain monitor
62. Patient monitoring system
63. Personal identification and verification based on multiple biometric features
64. Personal identification based on handwriting
65. Personal identification based on live iris recognition
66. Ph monitor & control for pharmaceutical industries
67. Portable computer-aided drug dispenser
68. Pre-processing of the iris image
69. Pressure monitor
70. Probing the experience of pain
71. Pulse meter for heart beat rate analysis
72. Pulse rate monitor
73. Respiration monitor
74. Robotic image guide biopsy
75. Short range medical telemetry system
76. Skin resistance bio - feedback
77. Sono graphs
78. Spiro meter
79. Syringe infusion pump
80. Thermal therapy device
81. Tongue pressure sensor system
82. Treadmill
83. Use of intravascular ultrasound probe to improve biopsy yield
84. Weighing balance for pharmaceutical industry